

# SHARP®



## **54GS-61S** **70GS-61S**

COLOUR TELEVISION

OPERATION MANUAL



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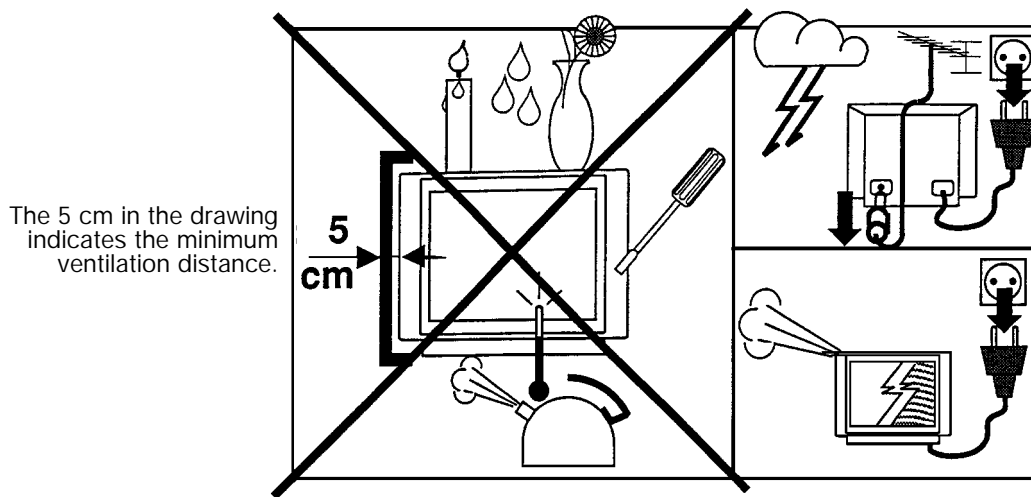
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# Dear SHARP Customer

Congratulations! You are now the proud owner of a SHARP Colour Television Receiver. To ensure proper operation,, please read this manual carefully. After reading, keep this manual in a safe place for future reference.

# Safety precautions

This equipment complies with the requirements of Directives 89/336/EEC and 73/23/EEC as amended by 93/68/EEC.



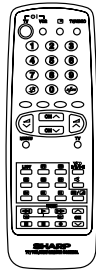
The 5 cm in the drawing indicates the minimum ventilation distance.

# Features list

- Auto Installation System
- ASS function (Auto Channel Sorting System)
- 99 Channel Programming System
- Cable and Hyperband
- Teletext
- OSD System (On Screen Display)
- Tint Control
- Stereo (IGR)
- A.S.L. (Automatic Sound Limiter)
- ON-OFF Timer
- 21 pin Euro SCART Connector (RGB)
- 21 pin Audio/Video Connector (AV-1)
- Headphone Terminal
- Blue Back Noise Mute Function
- Child Lock System

# Quick reference Guide

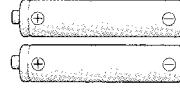
## Accessories



Remote control



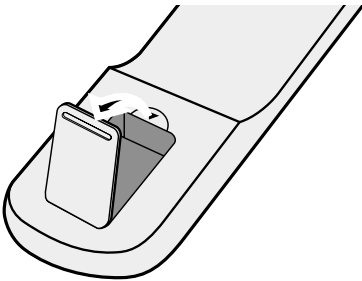
Operation Manual



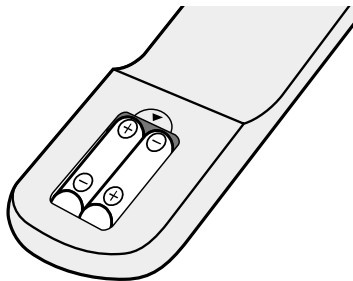
Type-AA Dry Batteries

## Remote Control Battery Installation

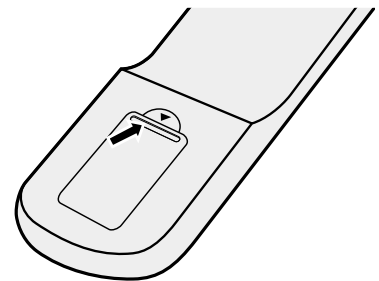
Before using the TV set for the first time, install the supplied dry batteries in the remote control.



1. With your thumb nail, pull up the slit as indicated by the arrow to remove the battery cover.



2. Insert two batteries 1.5 V (Size "AA"). Be sure to match the battery  $\oplus/\ominus$  terminals with the  $\oplus/\ominus$  marks inside the compartment.

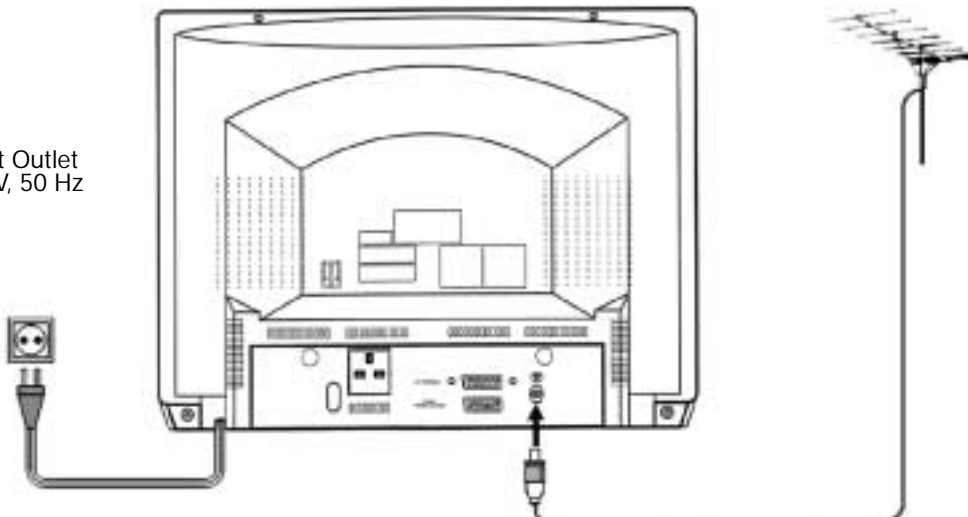


3. Replace the battery cover.

- NOTE:
- Remove batteries if weak or if the unit is not in use for long periods.
  - Do not mix old and new batteries.
  - Incorrect installation of the batteries may damage the remote control.

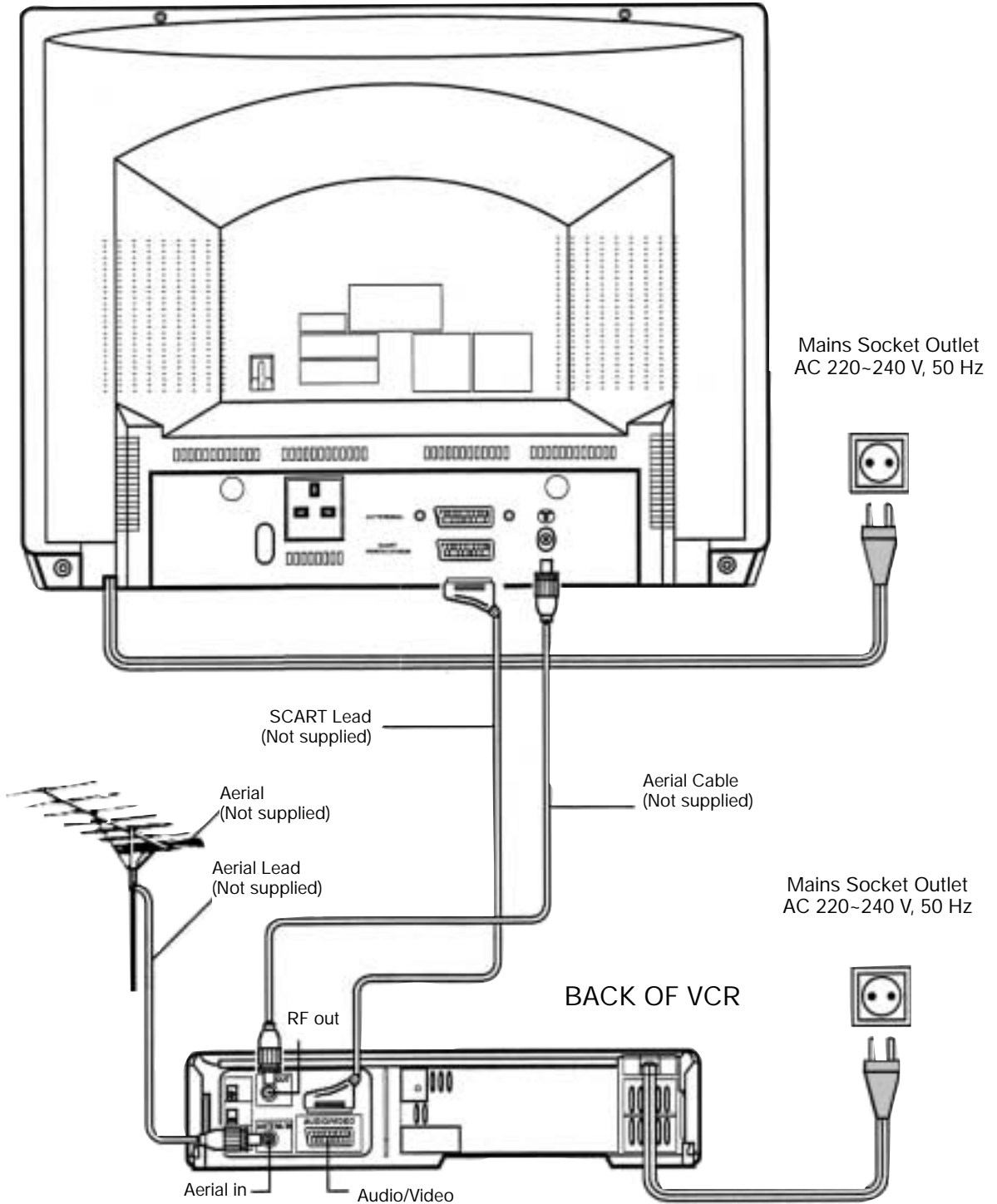
## Antena connections -TV set only -

Mains Socket Outlet  
AC 220~240 V, 50 Hz



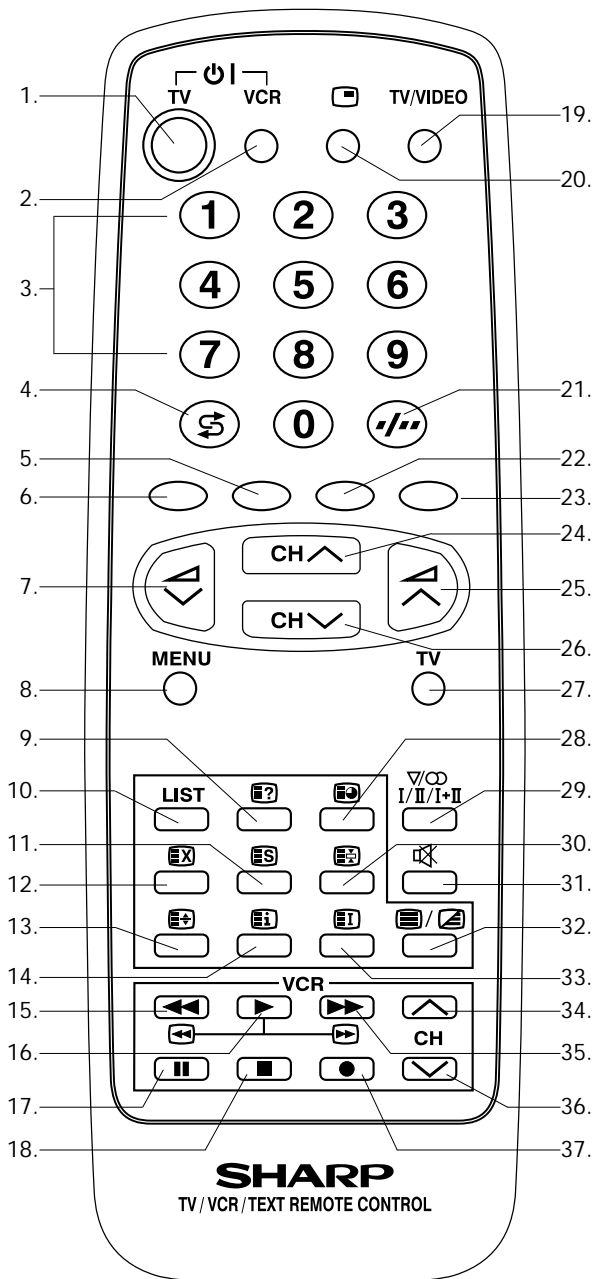
# Antenna connections - VCR and TV -

BACK OF TV



NOTE: See on -Typical connections- (page 27) for details of further connection possibilities.

# Remote control



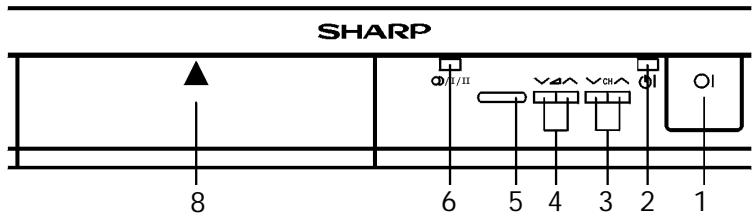
- |             |   |
|-------------|---|
| TV          | 1. Stand-by ON/OFF switch (TV)          |
| Video       | 2. Power ON / OFF switch (VCR)          |
| TV          | 3. Digit buttons 0 ~ 9                  |
| TV          | 4. Flashback button                     |
| Teletext    | 5. Colour button (green)                |
| Teletext    | 6. Colour button (red)                  |
| TV          | 7. Volume Down/Cursor control Left      |
| TV          | 8. Menu button                          |
| Teletext    | 9. Reveal button                        |
| Teletext    | 10. List selector                       |
| Teletext    | 11. Store button                        |
| Teletext    | 12. Cancel button                       |
| Teletext    | 13. Top/ Bottom/Full button             |
| Teletext    | 14. Reset button                        |
| Video       | 15. Rewind/picture search/reverse       |
| Video       | 16. Play button                         |
| Video       | 17. Pause / Still button                |
| Video       | 18. Stop button                         |
| TV          | 19. TV / VIDEO selector                 |
| TV          | 20. Channel call button                 |
| TV          | 21. Single/Double entry                 |
| Teletext    | 22. Colour button (yellow)              |
| Teletext    | 23. Colour button (blue)                |
| TV          | 24. Channel Up/Cursor control Up        |
| TV          | 25. Volume Up/Cursor control Right      |
| TV          | 26. Channel Down/Cursor control Down    |
| TV          | 27. TV button                           |
| TV/Teletext | 28. Time button                         |
| TV          | 29. Sound mode selector                 |
| Teletext    | 30. Hold button                         |
| TV          | 31. Sound Mute button                   |
| Teletext    | 32. Text/Mix button                     |
| Teletext    | 33. Index button                        |
| Video       | 34. Channel Up selector                 |
| Video       | 35. Fast forward/picture search/forward |
| Video       | 36. Channel Down selector               |
| Video       | 37. Record button                       |

# Controls & Terminals

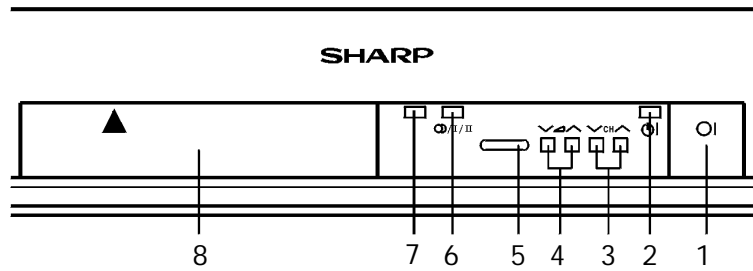
## FRONT TV

1. Main Power On/Off Switch
2. Power Indicator
3. Program Selector (UP/DOWN)
4. Volume Buttons (UP/DOWN)
5. Remote Control Sensor
6. Sound Indicator
7. Remote Control Indicator (Only for model 70GS-61S)
8. DOOR

### 54GS-61S

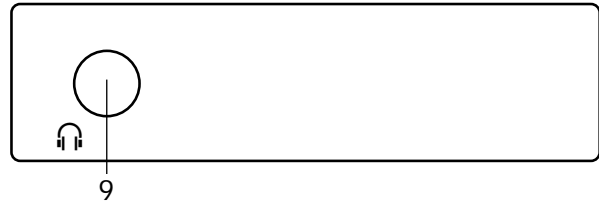


### 70GS-61S



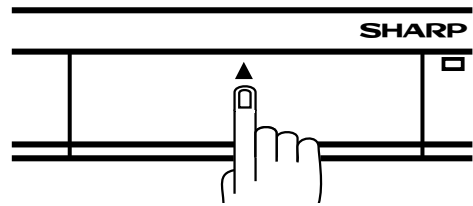
## Behind the door

9. Headphone Socket (3.5 mm Ø / 16~600 Ω)



## HOW TO OPEN THE DOOR

Press the top of the door, opening it slightly.  
Hook your finger inside and pull open.



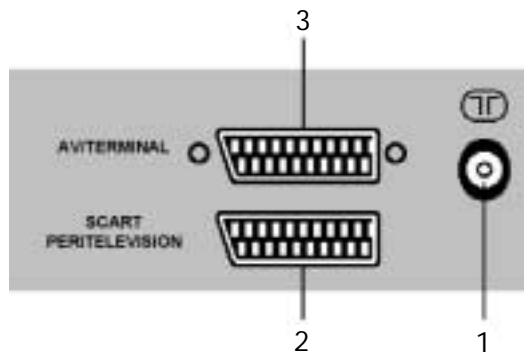
## REAR TV

### RF Input

1. Antenna terminal

### 21-pin In/Out

2. 21-pin Euro SCART (RGB)
3. 21-pin Audio/Video (AV-1) With S-Video Input



# Auto Installation

## Auto Installation System

Your television set is provided with an Automatic Installation System which makes Installation easier.

This new system is activated when you turn on the TV for the first time.

### Procedure:

1. Connect the antenna jack in the antenna input terminal on the rear side of your TV-set. Then connect the TV power cable to a 220 ~ 240 V system.
2. Press the main power button (○I), on the right hand side of the TV set, and the AUTO INSTALLATION message will appear on the screen.
3. Put batteries into the remote control and follow the instructions on the screen.

The TV will go through the following steps Automatically and sequentially:

**Language:** To select the menu language:

4. Press the RED button (●) to select the language.
5. Press the BLUE button (●) to continue.

**Country:** To select your country:

6. Press the RED button (●) to select your country.
7. Press the BLUE button (●) to continue and follow the instructions on the screen.

**Automatic Channel Sorting System (ASS):** The TV set SEARCHES FOR FREQUENCIES, memorises the channels found, and sorts them (according to technical criteria) from Pr-01 of the TV, to a maximum of 99 programmes. This tuning process may take several minutes to perform.

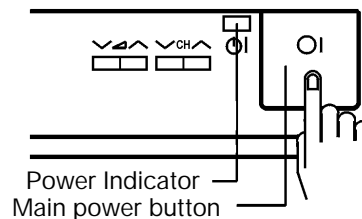
**Editing:** When the AUTOMATIC SEARCH has been completed, the "Stored programmes" menu appears on the screen. In this menu, you can change the order of the channels and change or give the channels a four-letter name.

On next page is a detailed explanation of editing options about "Stored programmes" menu.

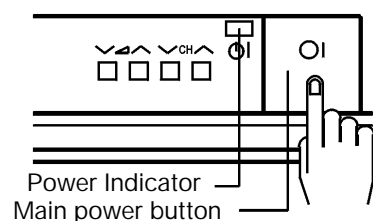
**NOTE:** You may not have to follow this procedure if it has already been done for you at the establishment where you purchased your TV. If this is the case go on to the section entitled "Switching ON" (page 8).

If you need to repeat the AUTO INSTALLATION, read on page 17 -Auto Channel preset...-

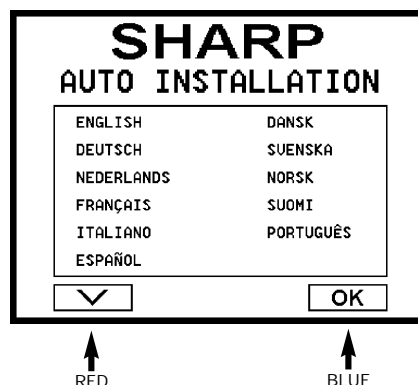
54GS-61S



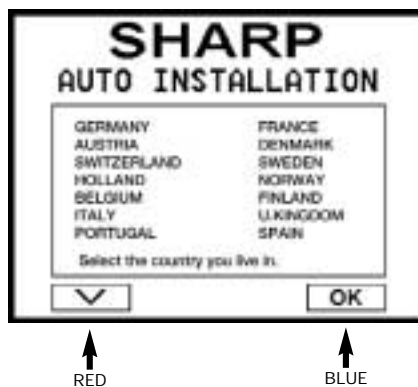
70GS-61S



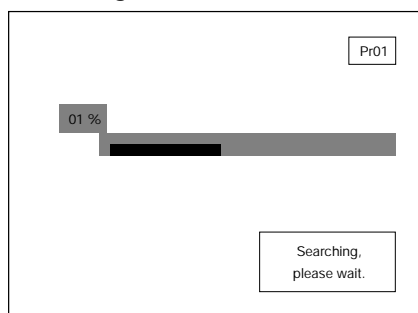
### Language



### Contry



### Searching



## Stored programmes

When the TV has finished the automatic search, the "Stored programmes" menu will appear on screen with a list of the channels, which have been memorised with the available options

- Select programme to be edited → .
- Edit this program → RED button .
- Go to sorting mode → GREEN button .
- Delete this program → YELLOW button .
- Exit this menu → BLUE button .

With these options, you will be able to organise the real channels (CH \*\*) memorised in the TV programmes (Pr 01 ... Pr 99) and put them into your own preferred order.

The following is a detailed explanation of options a), b), c), d) and e).

### a) Select a programme to be edited.

Use this option to select a programme from the list. Each time you press the memorised channel will be viewed and will remain selected on the list by means of white background.

### b) Edit this program (Change name)

Use this option for giving a name made up of four digits to the channels or for changing the one, which appears on some channels, in the following way:

**b.1** Select the channel using the Cursor UP/DOWN buttons .

**b.2** Press the RED button .

**b.3** Press the Cursor UP button to change the first letter.

Letters A to Z of the alphabet, a blank space and the numbers 0 to 9 will appear sequentially. Some of the broadcasting stations names such as BBC1 or ITV are already incorporated in the TV and appear among the alphabet to make this task easier.

Press the Cursor DOWN button to go backwards in the sequence.

**b.4** Press the buttons for changing the position of the cursor and the buttons for changing the letters.

When you have finished the fourth letter, press the Cursor button to quit the Change of Name option.

### c) Go to sorting mode (Sort channels)

Use this option for sorting the channels (CH) into the desired programme (Pr), as follows:

**c.1** Select the programme (Pr) you wish to change using Cursor UP/DOWN buttons (marked with white background).

**c.2** Press the GREEN button .

**c.3** Press the Cursor UP/DOWN buttons to move the channel (CH) to the required position.

**c.2** Press the GREEN button to finish.

### d) Delete this program (Delete channels)

Use this option for cancelling programmes which are badly tuned or repeated. When the YELLOW button is pressed, the TV will ask for confirmation that you wish to cancel, and you must press the YELLOW button again. The channels that follow it on the list will automatically rearrange themselves by moving up one programme (Pr) place, to restore the space of the cancelled channel (CH).

### e) Exit this menu

Use this option to quit the menu by pressing the BLUE button .

## Stored programmes menu

Stored programmes:		
Pr 01	CH21	BBC1
Pr 02	CH31	BBC2
Pr 03	CH41	ITV
Pr 04	CH51	CH4
Pr 05	CH61	CNN
Pr 06	----	----
Pr 07	----	----
Pr 08	----	----
Pr 09	----	----
Pr 10	----	----

<input type="checkbox"/> red	Edit this program
<input type="checkbox"/> green	Go to sorting mode
<input type="checkbox"/> yellow	Delete this program
<input type="checkbox"/> blue	Exit this menu

## Change name

Stored programmes:		
Pr 01	CH21	BBC1
Pr 02	CH31	BBC2
Pr 03	CH41	ITV
Pr 04	CH51	CH4
Pr 05	CH61	CNN
Pr 06	----	----
Pr 07	----	----
Pr 08	----	----
Pr 09	----	----
Pr 10	----	----

Press the MENU button to exit.
--------------------------------

## Sort channels

Stored programmes:		
Pr 01	CH21	BBC1
Pr 02	CH31	BBC2
Pr 03	CH41	ITV
Pr 04	CH51	CH4
Pr 05	CH61	CNN
Pr 06	----	----
Pr 07	----	----
Pr 08	----	----
Pr 09	----	----
Pr 10	----	----

Insert the marked programme in the position you wish.
Press green button to finish.

## Delete channels

Stored programmes:		
Pr 01	CH21	BBC1
Pr 02	CH31	BBC2
Pr 03	CH41	ITV
Pr 04	CH51	CH4
Pr 05	CH61	CNN
Pr 06	----	----
Pr 07	----	----
Pr 08	----	----
Pr 09	----	----
Pr 10	----	----

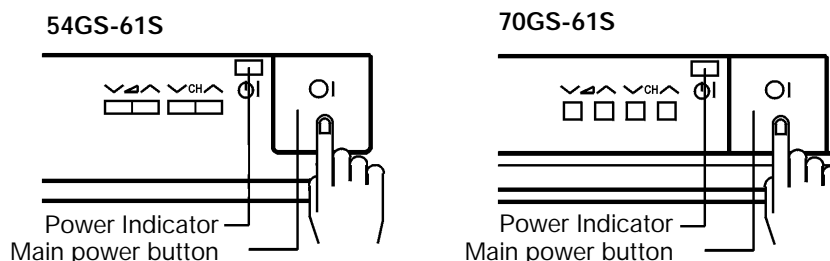
WARNING! This programme will be erased
Press yellow button again to confirm. Or press any other button to cancel



## Switching on

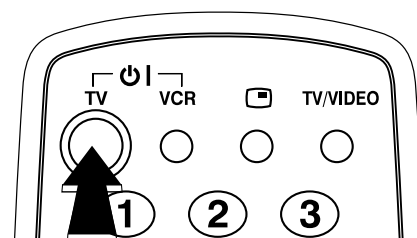
### Power supply on/off button

This TV memorizes the Mode last used when it was switched off. When the main power button (⊖) is pressed to turn on the set, the power indicator will light and the set will resume in either the Stand-by mode or Programme mode, depending upon its condition when it was switched off.



### On-Off/Stand-by button

When the TV is in Stand-by mode, to turn ON the TV press the Stand-by button (⊖ TV) on the remote control, or one of the four buttons on the TV (V $\blacktriangle$ /^, VCH/^). The TV will change from Stand-by mode to Programme mode, the sound indicator will light a few moments and an image will appear on the screen. Press the Stand-by button (⊖ TV) again and the TV will return to Stand-by mode.



### Blue back off timer

If noise appears in TV or VCR mode, the screen turns blue. The blue back off-timer is then engaged and will automatically switch the set to Stand-by mode after 15 minutes.

### Real Channel Number (terrestrial/cable TV Programmes)

Channel setting is mainly performed using the remote control. Please follow the instructions with the remote control in hand.

Television broadcasting stations have channel numbers assigned to them (real channel numbers). You can assign your own channel number to a real channel and store it in the programme channel memory.

#### CORRESPONDING REAL CHANNEL

	STATION SIGNALS	REAL CHANNEL NUMBER	ESPECIALLY AVAILABLE
V	E-2 ~ E-4	CH 02 ~ CH 04	
	E-5 ~ E-12	CH 05 ~ CH 12	
F	A ~ H	CH 13 ~ CH 20	In Italy
UHF	E-21 ~ E-69	CH 21 ~ CH 69	
C	M1/S1 ~ M10/S10	CC 01 ~ CC 10	
	U1/S11 ~ U10/S20	CC 11 ~ CC 20	
A	S21 ~ S41	CC 21 ~ CC 41	In Holland
T	M1 ~ M7	CC 42 ~ CC 48	
V	B1 ~ B7	CC 49 ~ CC 55	In Switzerland
	S'1/S21 ~ S'5/S25	CH 75 ~ CH 79	

# TV Operation

## Channel Selection

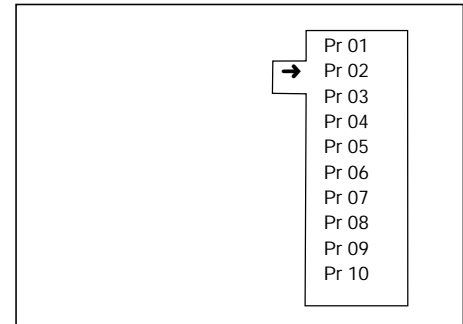
### Ⓐ Channel selector (CH $\wedge$ / CH $\vee$ ) buttons

Select the programme channel number you want to see, using the channel selector buttons (CH  $\wedge$  / CH  $\vee$ ).

As you press these buttons a list of channels appears.

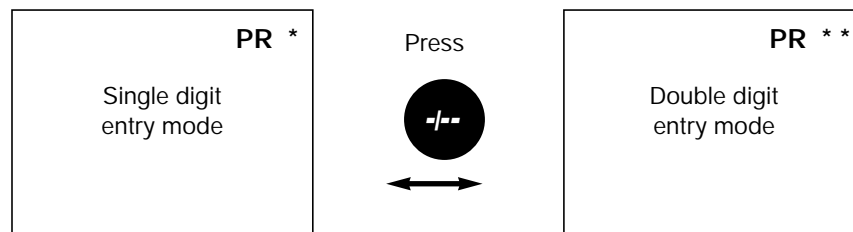
Press the CH  $\wedge$  / CH  $\vee$  again to select another channel.

**Note:** The channels that are in SKIP mode cannot be seen with this buttons. Use numerical buttons to display these channels.



### Ⓑ Single/Double entry selector (+/-)

This button selects between one or two digit channel number entry.

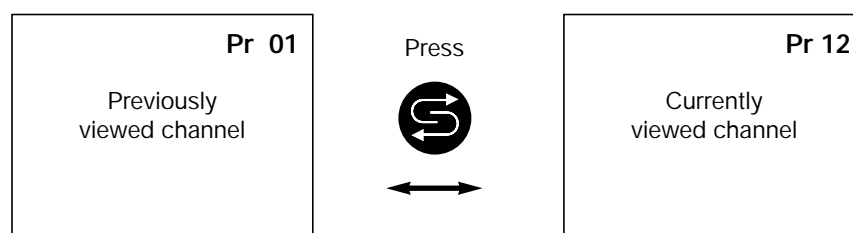


### Ⓒ 0-9 Digit buttons

You can select channels by pressing the 0 - 9 digit buttons on the remote control. For single and double digit entry see section B above.

### Ⓓ Flash-back button (S)

Press this button to switch the currently viewed channel to the previously viewed channel, and vice versa. This function is only available in programme channel selection mode. I.e. not when AV terminals are in use.

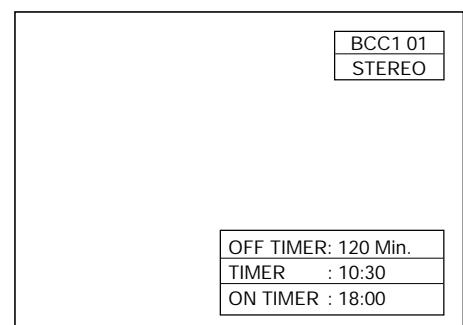


### Ⓔ Channel Call button (B)

Press the button to display the current programme number and the sound mode on the screen. The name if it has been set, the remaining time for off-timer, the real-timer and the on-timer, if they have been set, is also displayed on the screen.

Press the button again to make the on-screen disappear.

If the channel you are viewing has been set to be skipped with the channel skip function, the programme number is displayed in red. If the channel was fine-tuned, programme number will be displayed in yellow.

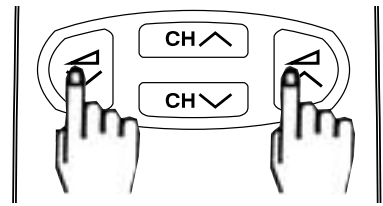


# Audio Adjustments

## A Loudspeakers Sound Volume (🔊/🔇)

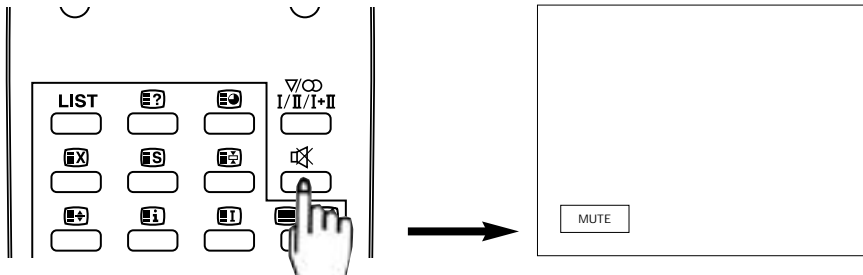
Use the 🔊/🔇 buttons to increase/decrease the volume level. The volume indicator will appear on the screen.

Note: To adjust the headphones volume, see the "SOUND menu" on page 14.



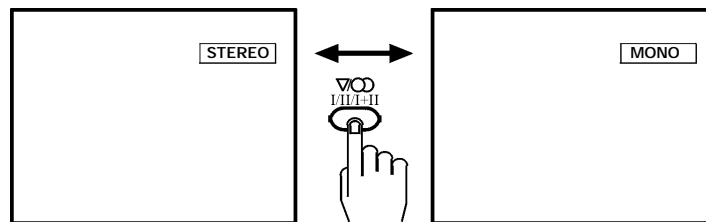
## B Sound mute button (🔇)

Press the button to mute the sound. "MUTE" appears on the screen. Press the button again to turn the sound back on.



## C Sound Mode Selector button (🔊/🔇)

Press the button to change the sound in the speakers. The sound mode will appear on the screen.



Depending on the sound transmission the sound reproduction can be chosen as indicated below:

When the TV set is receiving a STEREO programme, the TV selects STEREO automatically, and you can change:

STEREO ↔ MONO

When the TV is receiving a BILINGUAL programme, the TV selects DUAL CHANNEL A automatically, and you can change:

DUAL CHANNEL A ↔ DUAL CHANNEL B ↔ DUAL CHANNEL A B ↔ MONO

When the TV is receiving a MONO (FM) programme, the TV set selects MONO automatically but the sound mode cannot be change.

**Note:** See the -SOUND MODE- (page 14) to change the Sound Mode in the headphones.

**Sound Indicator:** When the TV set is receiving a STEREO, BILINGUAL or MONO NICAM programme the Sound Indicator lights.

**External source:** When you are watching the TV-set through the Euro-SCART, AV-1 or S-Video terminals, the Sound Mode Selector button and Sound indicator light are not operative.

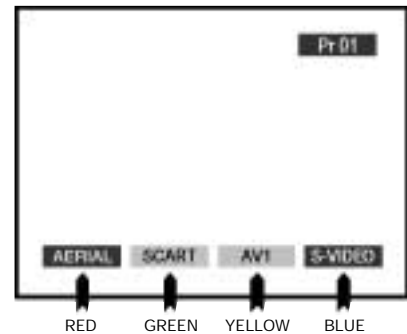
## Other Features

### A TV/Video selector button (TV/VIDEO)

With this button you can select either source of input for the TV.

1. When the TV/VIDEO button ● is pressed, the «TV/Video Menu» selection menu appears.
  2. Press the button ○ of the corresponding colour to select one of the input sources, as indicated in the diagram.
- The selected input will appear on the screen.
3. Press the TV/VIDEO button ● again to exit the menu.

TV/Video Menu



### B CLOCK button (🕒)

Press the button to display the current time on the screen.

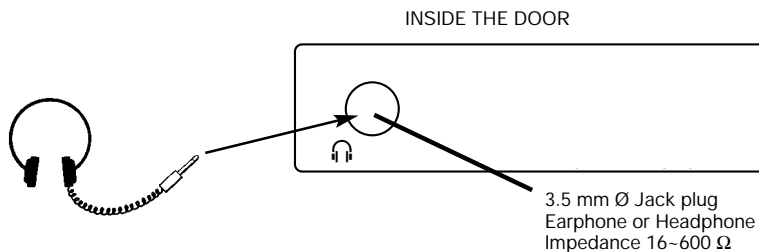
Note: that this function operates only if the station you are tuned to broadcasts a teletext signal.

### C Headphone jack

1. Press the MENU button ●, to see the MAIN Menu.
2. Press the GREEN button ○ to see the SOUND Menu.
3. Press the GREEN button ○ to select HEADPHONE VOLUME.
4. Adjust the headphone volume with the Cursor LEFT / RIGHT ⏪/⏩ buttons.

**Caution:** To protect your ears, reduce the volume of the headphones before connecting them.

5. Make sure that you insert the headphone plug all the way.
  6. Press the TV button ● to close the Menu.
- Note:** the SPATIAL EXPANDER Effect cannot be adjusted for the headphones.



## VCR Mode

SHARP VCR can be operated using the TV remote control.

### Channel selectors (V CH ^)

These buttons are used for changing channels and setting the timer.

### Play button ▶

Press this button to start playback.

### Record buttons ●

Press both buttons simultaneously to start recording. If the video cassette is protected against recording, it will be ejected.

### Stop button ■

Press this button to stop playback or recording.

### Operate button ⏻ VCR

Press this button to turn your VCR on.

**Fast forward/picture search forward (▶▶) and Rewind/picture search reverse (◀◀) buttons.**  
Both these buttons have the following function:

- ① To move through the cassette faster, press to STOP button and then press the ▶▶ or ◀◀ button to fast forward or rewind the cassette.
- ② Press the STOP button to stop fast forward or rewind.

### Picture Search

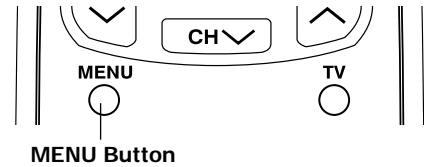
- ① During playback, press the ▶▶ button for forward picture search, or the ◀◀ button for reverse search
- ② Press the PLAY button to resume normal playback.

For further details, please refer to operation manual of your VCR.





# Menu Structures

This TV set has: a MAIN MENU with four basic menus, which permit access to the different functions of the TV.

These menus are as indicated below.



By pressing the MENU Button:

Main Menu	Button	Menu	Functions / Options	
	RED	PICTURE ADJUSTMENTS	CONTRAST COLOUR BRIGHTNESS SHARPNESS NORMALISE TINT CONTROL ECO MODE	
	GREEN	AUDIO ADJUSTMENTS	LOUDSPEAKERS VOLUME BASS TREBLE BALANCE NORMALISE LOUDSPEAKERS (MODE) SPATIAL EXPANDER A.S.L.	HEADPHONES VOLUME BASS TREBLE BALANCE NORMALISE HEADPHONES (MODE)
	YELLOW	OTHER FUNCTIONS	LANGUAGE ON TIMER: TIME / SWITCH ON OFF TIMER: OFF / 120 Min. / 90 Min. / 60 Min. / 30 Min. DEMO CHILD LOCK: LOCK ALL / LOCK PROGRAMME / CLEAR LOCK	
	BLUE	INSTALL AND TUNE	CHANNEL: CH (Aerial) / CC (Cable) SEARCH (Frequency Tuning) FINE TUNE MODE: TV / VCR / SKIP EDIT: Edit this program / Go to sorting mode / Delete this program/ Exit this menu AUTO-TUNE: AUTO INSTALLATION	

# Picture Adjustments

Picture quality: CONTRAST, COLOUR, BRIGHTNESS, SHARPNESS, NORMALISE, TINT CONTROL and ECO MODE are adjustable in this menu.

1. Press the MENU button ●, to see the **MAIN Menu**.
2. Press the RED button ○ to see the **PICTURE Menu**.

## PICTURE Menu

3. Press the Cursor UP/DOWN buttons / to select an option from the list: CONTRAST, COLOUR, BRIGHTNESS, SHARPNESS or NORMALISE.

The selected item will appear on screen in a blue box.

4. Adjust the picture quality to your liking with the Cursor LEFT/RIGHT buttons /.

## NORMALISE Menu

5. Press the MENU button ●, if you wish to normalize video levels to default factory settings.
6. Press continuously / arrows will appear the TINT CONTROL and ECO MODE

## TINT CONTROL

- 7.a. Select **TINT CONTROL** and press the Cursor LEFT/RIGHT buttons /, to adjust your desired skin colour (blue or red).

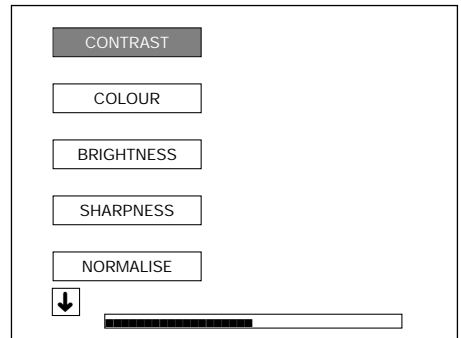
## ECO MODE

- 7.b. Select **ECO MODE "ON"** to reduce contrast in areas of the picture that are excessively white.
8. Press the TV button ●, to close the Menu.

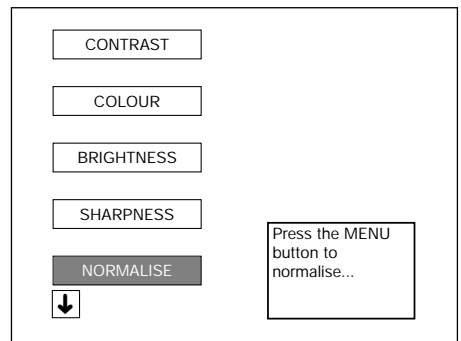
## MAIN Menu



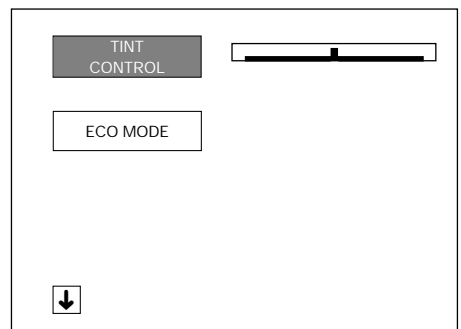
## PICTURE Menu



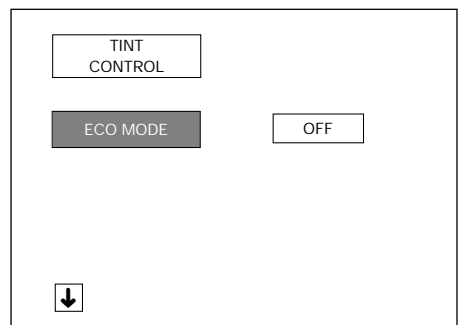
## NORMALISE Menu



## TINT CONTROL



## ECO MODE

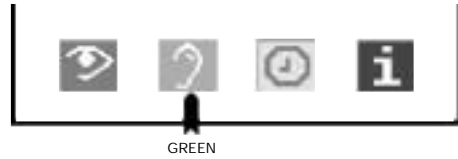


## Sound Setting Mode

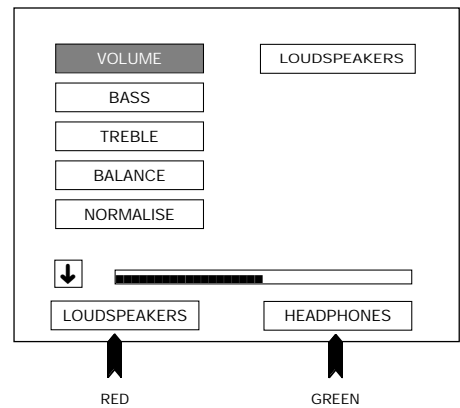
Sound quality (VOLUME, BASS, TREBLE, BALANCE, NORMALISE, SOUND MODE, SPATIAL EXPANDER and A.S.L.) are adjustable in this menu.

1. Press the MENU button ●, to see the **MAIN Menu**.
2. Press the GREEN button ○ to see the **SOUND Menu**.

### MAIN Menu



### SOUND Menu



### SOUND Menu

3. Press the RED button ○ to select LOUDSPEAKERS or press the GREEN button ○ to select HEADPHONES.
4. Press the Cursor UP / DOWN buttons [CH↑]/[CH↓] to select an option from the list: VOLUME, BASS, TREBLE, BALANCE or NORMALISE.

The selected option will appear in white letters on a blue background

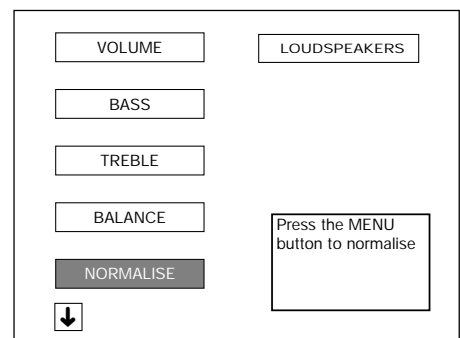
5. Adjust the sound quality according to your preferences with the Cursor LEFT / RIGHT buttons [←]/[→].

### NORMALISE

Select **NORMALISE** and press the MENU button ●, to normalise audio levels to default factory settings.

6. Press the Cursor DOWN button [CH↓] to see more options: SPEAKERS (Mode), HEADPHONES (Mode), SPATIAL EXPANDER. And A.S.L.

### NORMALISE



### SOUND Mode

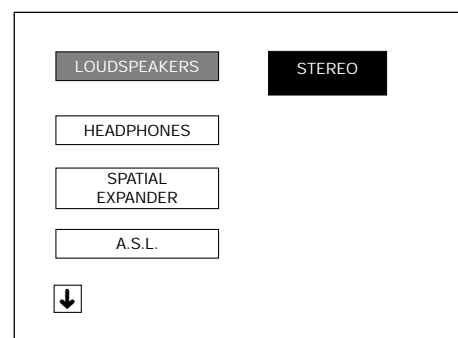
7. Press the Cursor UP / DOWN buttons [CH↑]/[CH↓] to select: LOUDSPEAKERS or HEADPHONES.
8. Press the Cursor LEFT / RIGHT buttons [←]/[→] to change to sound mode, as indicated on page 10, in the "Sound Mode Selector" chapter.

Select **SPATIAL EXPANDER** and press the Cursor LEFT / RIGHT buttons [←]/[→] to activate or deactivate the **SPATIAL EXPANDER Effect [1]**.

Select **A.S.L.** (Automatic Sound Limiter) and press the Cursor LEFT / RIGHT buttons [←]/[→] to activate or deactivate the **Automatic Sound Limiter [2]**.

9. Press the TV button ● to close the Menu.

### SOUND Mode



**1 SPATIAL EXPANDER:** the spatial expander effect depends on whether the feed is MONO or STEREO.

If the source feed is MONO, it produces a "Pseudo Stereo" effect.

If the source feed is STEREO, it produces a spatial expander effect, expanding the stereophonic image

**2 Automatic Sound Limiter (A.S.L.):** Quite frequently, different audio sources do not have the same volume level; for example, this can occur when changing from a movie to a commercial. The Automatic Sound Limiter solves this problem by adjusting the volume to the same level.

**Note:** the SPATIAL EXPANDER Effect and A.S.L. do not work with headphones.

# Features setting mode

In this mode you can select a LANGUAGE for screen menus, set the ON-TIMER an OFF-TIMER, view the all functions implemented in your TV set demonstration and set the CHILD LOCK.

1. Press the MENU button ●, to see the **MAIN Menu**.
2. Press the YELLOW button ○ to see the **FEATURES Menu**

## FEATURES Menu

3. Press the Cursor UP/DOWN buttons [CH↑]/[CH↓] to select an option from the list:  
LANGUAGE, ON TIMER, OFF TIMER, DEMO or CHILD LOCK.  
The selected item will appear on screen in white letters on a blue background.

## Menu LANGUAGE

4. Press the Cursor RIGHT button [→] to select the list of languages.
5. Press the Cursor UP/DOWN buttons [CH↑]/[CH↓] to select the menu language.  
The selected language will appear in white letters.
6. Press the GREEN button ○ to memorize.
7. Press the TV button ●, to close the Menu.

## ON TIMER

The On-Timer is used to automatically switch on the TV set during the day.

4. Press the Cursor RIGHT button [→] to select the "TIME" (current time) in white letters.
5. To programme the current TIME: In order to be able to run this function, it is essential to adjust the current time.

**Automatic TIME adjustment:** If you are receiving a channel with Teletext, the TIME is automatically synchronized with the Teletext clock.

\* Important: If a signal via satellite is being received, or if correct time cannot be obtained, the time will have to be adjusted manually.

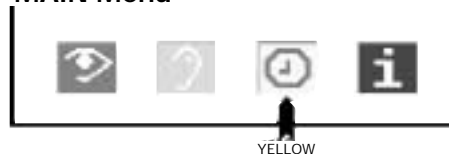
**Manual TIME adjustment:** To adjust the time manually, this should be done with the 0 to 9 digit buttons.

6. Press the Cursor RIGHT button [→] to select: SWITCH ON in white letters.
7. Adjusting the SWITCH ON Time. Once the current TIME has been adjusted, the SWITCH ON Time can be set with the 0 to 9 digit buttons.  
The GREEN button ○ is used to cancel the SWITCH ON function.
8. Press the TV button ● to close the Menu.
9. Press the Stand-by button (⏻) on the remote control to put the TV into switch on Stand-by Mode.

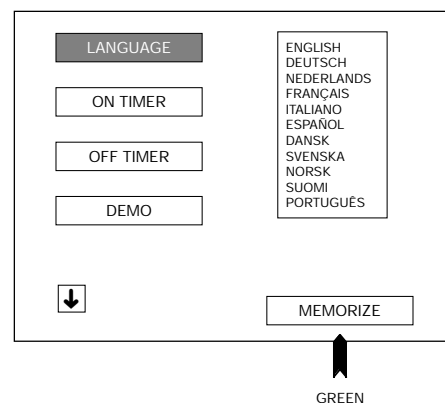
\* As a safety precaution, in the case of nobody being home when the television switches on automatically, the television will disconnect itself after 120 minutes; if it is to continue to run, any button on the remote control functions should be pressed.

**Note:** In the event of a power cut, disconnection from the plug or television switch, all the data on the ON TIMER will be cancelled.

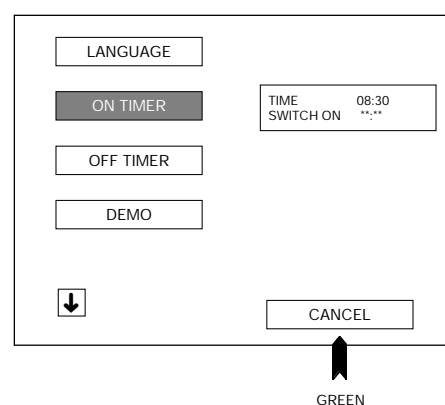
## MAIN Menu



## FEATURES Menu - LANGUAGE





## FEATURES Menu - ON TIMER





## OFF TIMER


The OFF TIMER automatically switches the TV set to standby mode after a predetermined period, (30, 60, 90 or 120 minutes).

4. Press the Cursor RIGHT button  to select "OFF."
5. Press the Cursor UP/DOWN buttons  to set the desired time in white letters.

Select "OFF" to disconnect off-timer.

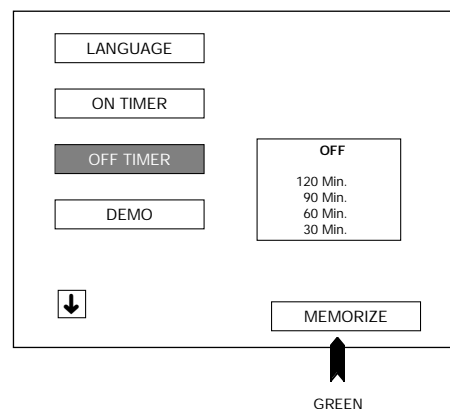
6. Press the GREEN button  to memorize.

After the selected time has passed, the TV will turn itself off automatically, and switch to Stand-by mode.

7. Press the TV button , to close the Menu.





**Note:** The OFF TIMER data will be cancelled if you turn off the TV by the Standby button (⓪ | TV) on the remote control or with the Main power button (⓪ | I) on the TV set.

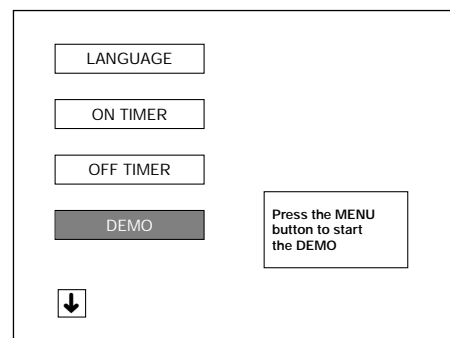
## FEATURES Menu - OFF TIMER



## DEMO (Demonstration)

The demonstration function allows you to see all the menus implemented in this TV set.



1. Press the MENU button , to see the **MAIN Menu**.
2. Press the YELLOW button  to see the **FEATURES Menu**.
3. Press the Cursor DOWN button  to select DEMO.
4. Press the MENU button , to begin the demonstration.
5. Press any button on remote control to exit this function when you wish.





# TV Channel Setting

## Auto Channel Preset with Sorting (ACSS: Automatic Channel Sorting System)



This function frees you of troublesome channel presetting procedures. Simply follow the instructions below to automatically store all on-air and cable real channels into the programme channel memories.

1. Press the MENU button , to see the **MAIN Menu**.
2. Press the BLUE button  to see the **TUNE Menu**.



### TUNE Menu

3. Press the Cursor UP button  to select AUTO-TUNE (blue box).
4. Press the MENU button  to see the AUTO INSTALLATION Menu.

### Language

5. Press the RED button  to select the menu language.
6. Press the BLUE button  to continue.

### Country

7. Press the RED button  to select your country.
8. Press the BLUE button  to continue and follow the instructions on the screen.

### Searching


The TV set SEARCHES FOR FREQUENCIES, memorises the channels found and sorts them (according to technical criteria) from Pr-01 of the TV, to a maximum of 99 programmes.

This tuning process may take several minutes to perform.

### Stored programmes

When the AUTOMATIC SEARCH has been completed, the "Stored programmes" menu will appear on screen. In this menu, you can change the order of the channels and change or give the channels a four letter name.

If you wish to rename the channels, or change the order; refer to the page 7, chapter **Stored programmes**.

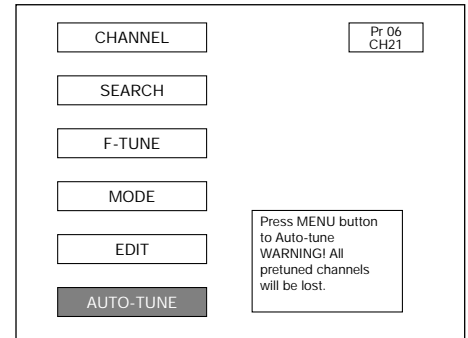
If you wish to go out of the menu, press the BLUE button .

### MAIN Menu

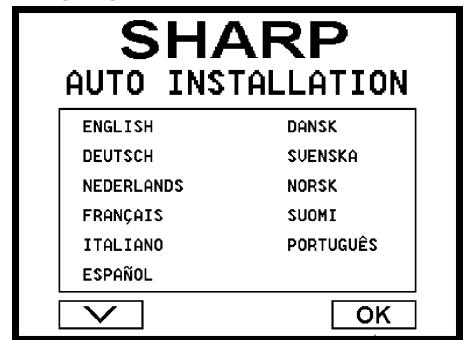


### TUNE Menu

BLUE



### Language



RED

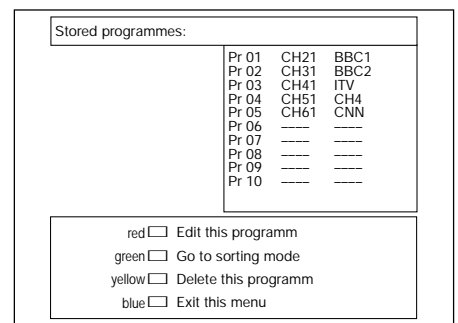
BLUE

### Country





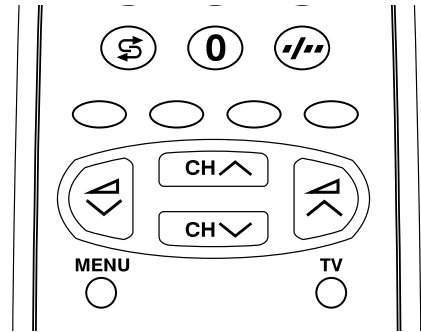
RED

BLUE



## Manual Channel Preset (PRESET USING REAL CHANNEL NUMBERS)

1. Depending on the programme channel you want to preset, press the  button to select single / double digit entry.
2. Select the programme channel number you want to preset with the 0 ~ 9 digit buttons.
3. Press the MENU button  to see the **MAIN Menu**.



### MAIN Menu





4. Press the BLUE button  to see the **TUNE Menu**.

### MAIN Menu

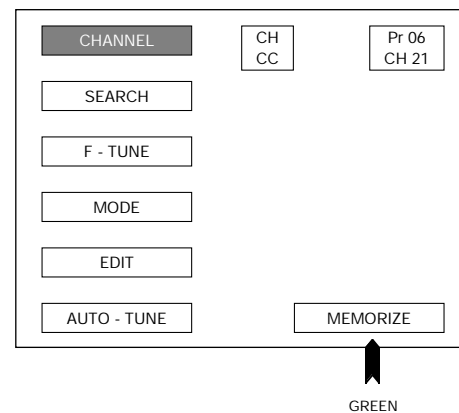


### TUNE Menu



The "CHANNEL" option is already selected.

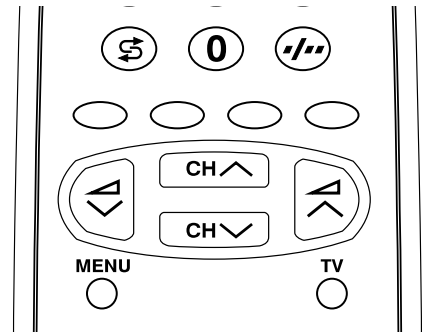
5. Press the Cursor RIGHT buttons , to choose the CH / CC option.
6. Press the Cursor DOWN button  to select (with white letters) the Channel type: CH (Aerial) or CC (Cable).
7. Enter the real channel number you want to store with the 0 ~ 9 digit buttons (two digit entry only).
8. Press the GREEN button  to memorize.
8. Press the TV button  to clear the on-screen display.
9. Repeat the above procedure for presetting other programme.

### TUNE Menu



## Manual Channel Preset (PRESET USING FREQUENCY TUNING)

1. Depending on the programme channel you want to preset, press the  button to select single / double digit entry.
2. Select the programme channel number you want to preset with the 0 ~ 9 digit buttons.
3. Press the MENU button  to see the **MAIN Menu**.



### MAIN Menu





4. Press the BLUE button  to see the **TUNE Menu**.

### MAIN Menu

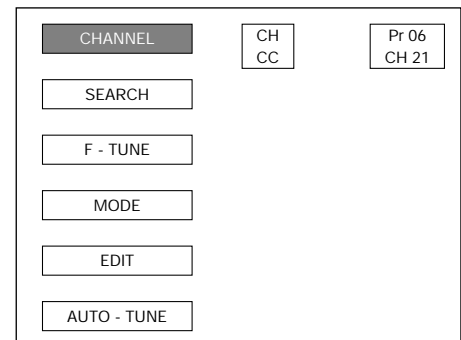


### TUNE Menu

The "CHANNEL" option is already selected.



5. Press the Cursor RIGHT buttons , to choose the CH / CC option.
6. Press the Cursor DOWN button  to select (with white letters) the Channel type: CH (Aerial) or CC (Cable).
7. Press the Cursor LEFT  buttons to select CHANNEL
8. Press the Cursor DOWN button  to select **SEARCH**.



### TUNE Menu



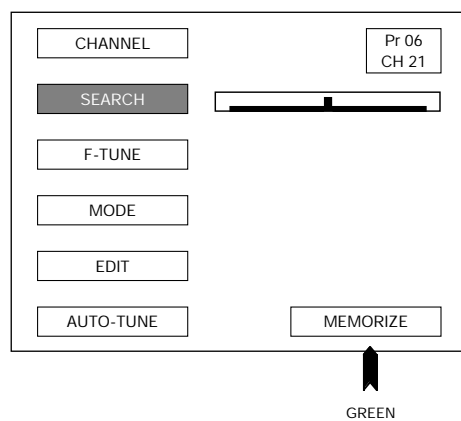
### SEARCH

9. Press the Cursor LEFT/RIGHT buttons /  to start preset.

The tuning sequence will stop when a signal is detected, if the signal is not the required channel press  or  to continue.

10. Press the GREEN button  to memorize.
11. Press the TV button  to clear the on-screen display.
12. Repeat the above procedure for presetting other programme channels.

### SEARCH




## After preset has been performed

The following features are available for preset channels:

### Ⓐ FINE TUNING


When a preset programme channel is not exactly tuned, you can fine tune the channel in this mode.

1. Select the programme channel number you want to tune using the 0 - 9 digit buttons.
2. Press the MENU button  to see the MAIN Menu.



#### MAIN Menu

3. Press the BLUE button  to see the TUNE Menu.



#### TUNE Menu

4. Press the Cursor DOWN button  twice to select FINE TUNE (blue box).

#### FINE TUNE Menu

5. Press and hold the Cursor LEFT  or RIGHT  buttons, until the best tuning position is found, for the best picture and sound.




After Fine tuning the programme number will turn from green to yellow.

6. Press the GREEN button  to memorize.
7. Press the TV button  to clear the on-screen display.

Repeat the above procedure for other programme channels as required.



### Ⓑ Mode



This feature allows you to select TV, VCR, SKIP. First follow the above steps 1., 2., and 3. The TUNE Menu will appear on screen.

4. Press the Cursor DOWN button  to select MODE.
5. Press the Cursor RIGHT button  to choose the TV / VCR / SKIP option.
6. Press the Cursor DOWN button  to select (with white letters) TV, VCR or SKIP:

**TV:** If the TV signal is weak the image can shake. In this case put it in TV mode.

**VCR:** In some case, the upper part of the picture may be distorted when receiving signal from a VCR via RF terminal on the TV set. Selecting this option will help to reduce his effect.

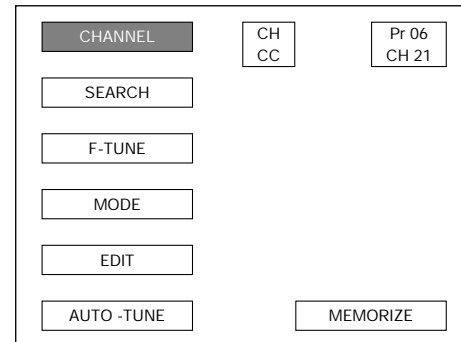
**SKIP:** Allows you to SKIP channels you do not want to view when using channels selector (CH /CH ) buttons.

7. Press the GREEN button  to memorize.
8. Press the TV button  to clear the on-screen display.
9. Repeat the above procedure for other programme channels as required.

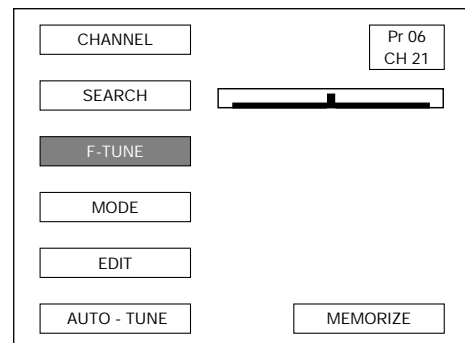
#### MAIN Menu



#### TUNE Menu

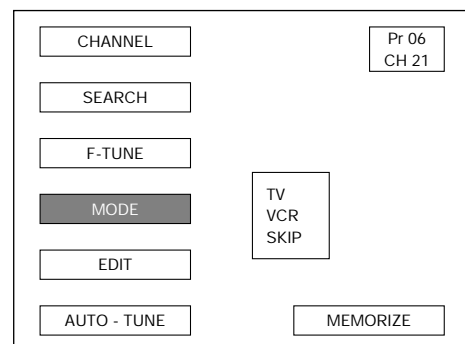


#### FINE TUNE Menu



  
GREEN

#### MODE



  
GREEN

## TELETEXT - Mode

### Ⓐ What is Teletext?

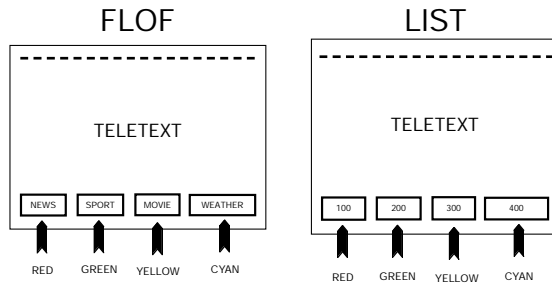
Teletext is an information service, organized like a magazine, which is provided by some television stations in addition to regular television broadcasting. Your television receives special Teletext signals broadcast by a TV station, processes the information and displays it graphically on the screen. News, weather and sports information, stock exchange prices, program previews and closed captioning for the deaf are among the many services available through Teletext.

Teletext information is organized much like a magazine: according to pages and sub-pages. The basic unit of displayed information is the page. A sub-page is one of a series of pages.

Teletext reception is controlled by using the remote control. Refer to the appropriate button descriptions for operation of the Teletext functions.

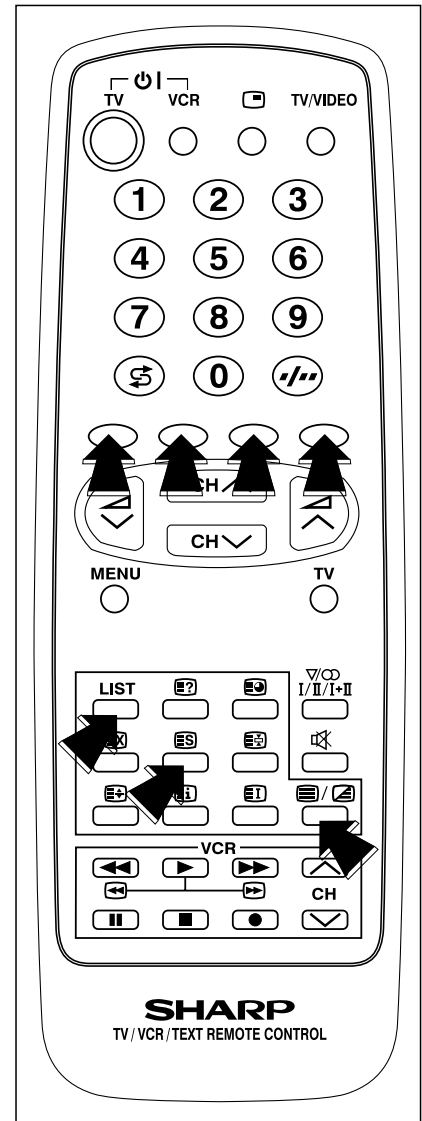
### Ⓑ Teletext features

Depending on the TV programme, the Teletext pages are transmitted using different system. Your SHARP TV is adjusted to receive two Teletext systems, namely FLOF and LIST, which are automatically identified by the receiver. The user can easily identify them by the manner in which they appear on the screen.



### Ⓒ To switch ON and switch OFF the Teletext

1. Select the TV channel with Teletext information that you want to see.
2. Press the TEXT/MIX button (☰/☒) to select Teletext mode.
3. Press the TV button ● to exit Teletext mode.



## Basic TEXT features common to the two systems

### a) Fast Page Selection

1. Select the appropriate programme channel.
2. Press the TEXT/MIX button (☰/☒) to select Teletext mode.
3. To recall a page number displayed in the coloured brackets, simply press the corresponding coloured button.

### b) 0-9 digit buttons

Enter a desired page number with the 0-9 digit buttons. (To select P:100: press 1, 0, 0).

### c) Page selector (UP/DOWN)

You can sequentially select page numbers by pressing the Cursor UP/DOWN buttons (CH↑/CH↓) (channel selector buttons in the TV mode).

## Other TEXT features common to the two systems

### Ⓐ TEXT/MIX button (⏏/⏏)

Every time this button is pressed, the Teletext is displayed in different modes, following the sequence described:

**In TV mode:** Press the TEXT/MIX button (⏏/⏏) to select Teletext mode.

**In Teletext mode:** Press the TEXT/MIX button (⏏/⏏) to superimpose a teletext broadcast onto the current TV programme screen.

**In Mixed mode:** Press the TEXT/MIX button (⏏/⏏) again to return to the normal teletext screen.

### Ⓑ HALF PAGE button (⏏)

Each time you press the button, the upper/lower half of the teletext page is magnified and displayed on the screen.

### Ⓒ HOLD button (⏏)

Any teletext page or subpage can be held on the screen by pressing the HOLD button.

Press the button again to cancel the hold mode.

### Ⓓ REVEAL button (⏏)

Press this button to reveal hidden information such as the answer to a quiz.

Press the button again to hide the information.

### Ⓔ CLOCK button (⏏)

**In TV mode:** When the TV signal with TEXT data is received, by pressing this button the real time information will appear on the top right area of the screen.

**In Teletext mode:** When a selected Teletext page has hidden subpages, these pages can be seen in the following manner:

1. Press the CLOCK button (⏏). Screen will show « = = = = »
2. Enter 4 digits corresponding to the subpage desired. E.g. 0021 for subpage number 21.
3. Wait until the page appears.

**NOTE:** You can use this button together with the DISPLAY CANCEL button (⏏). This means that you can view the main TV picture until the subpage has been found. The on screen TV icon in the top left side of the screen will show "TXT".

When the subpage has been found, the screen will change to the subpage number.

Press the TEXT/MIX (⏏/⏏) button to view the subpage.

### Ⓕ CANCEL button (⏏)

With this button Teletext information is cancelled and TV picture is restored. «TXT» Indication is shown on screen.

In this position, the TV programme cannot be changed, being in Teletext/Cancelled mode. When a change takes place in the Teletext information, the upper time of the cancelled page or some other indication of special pages is shown on screen. To uncancel, press TEXT/MIX (⏏/⏏) button and the whole teletext is shown.

**NOTE:** This button can be used together with the clock button while awaiting subpages.

### Ⓖ RESET button (⏏)

Press the reset button (⏏) to return back to index page, and go out from Teletext mode.

### Ⓖ LIST button (LIST)

Pressing this button you force the teletext to LIST Mode. It means that row 24 (bottom row of Teletext) will not have transmitter information, only the pages that user you have previously stored in the memory. (More information on the next page -Teletext Page memory List-).

Pressing LIST button again we go out from LIST Mode and system is going to be identified again (FLOF).

### Ⓘ INDEX button (⏏)

Press the INDEX button (⏏) to return back to index page.

## Advanced TEXT operation - LIST mode -

### Teletext Page memory List

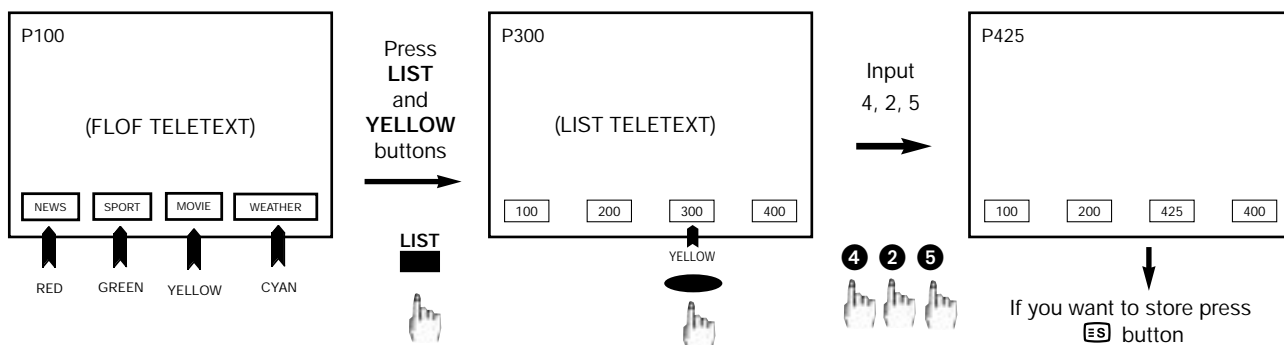
#### a) How to Operate Page Memory

Your TV has 40 teletext page number memories for fast recall of teletext information.

In programme positions 1 through 9, four teletext page numbers can be stored in each position; a total of 36 pages.

In programme positions 10 through 99, only one programme with 4 page numbers can be stored. If you try to store more than 4 page numbers in a programme position between 10 and 99, the previously stored page numbers will be erased. Select the programme channel number into which you want to store teletext page numbers.

1. Press the TEXT/MIX (☰/☒), button to enter the teletext mode.
2. Press the LIST button to change from FLOF system to LIST mode.
3. Press a coloured button corresponding to the coloured brackets on the screen for page number storage.
4. Enter the teletext page number using the 0 - 9 digit buttons (enter three digits) or channel selector [CH↗]/[CH↘] buttons.
5. Repeat steps 3. and 4. until the numbers for the desired pages have been entered
6. Press the STORE (☒) button to memorize the page numbers you require. The symbol «STORE» appears on the screen.
7. Press the TV button to exit the teletext mode.



#### b) Fast Page Selection - LIST mode -

1. Select the appropriate programme channel.
2. Press the TEXT/MIX (☰/☒) button to enter the teletext mode.
3. Press the LIST button to change from FLOF system to LIST mode.
4. To recall a page number displayed in the coloured brackets, simply press the corresponding coloured button.
5. Press the LIST button again to return to FLOF system.



# Child Lock (Channel Block)


You can lock a TV channel to prevent unsupervised TV viewing by following these procedures; the protection can apply to the television itself "LOCK ALL" or to specific programmes "LOCK PROGRAMME". With the CHILD LOCK function, you can also programme a time period during which the TV will be protected.

1. Press the MENU button ●, to see the **MAIN Menu**.
2. Press the YELLOW button ○ to see the **FEATURES Menu**.

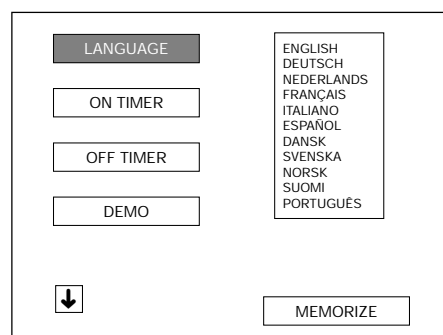
## MAIN Menu



## FEATURES Menu



3. Press the Cursor UP button  to select CHILD LOCK in white letters on a blue background.

## FEATURES Menu



4. Press the MENU button ● to see the **CHILD LOCK Menu**.

## CHILD LOCK Menu

5. Press the Cursor UP/DOWN buttons / to select an option from the list:  
 LOCK ALL, LOCK PROGRAMME or CLEAR LOCK  
 The selected item will appear on screen in a blue box.

## CHILD LOCK



## CHILD LOCK Menu - LOCK ALL

Select this option for protecting the access to the whole TV.  
 If necessary, repeat steps 1. to 4. to see the CHILD LOCK Menu.

6. Press the Cursor RIGHT button  to select the protection type (white letters):

**Select «NONE»:** To cancel the protection.

**Select «ALWAYS LOCKED»:** The access to the TV will be protected throughout the day.

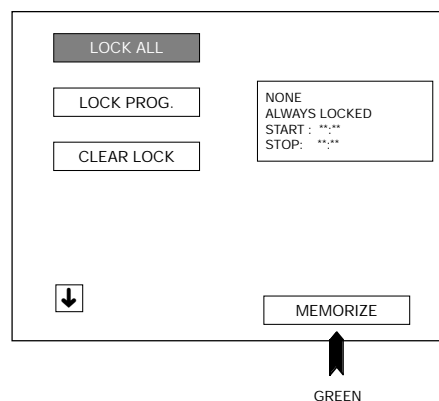
**Select «START: \*\*:\*/STOP: \*\*:\*/»:** to block access to the TV during the desired period of time. Enter the hours and minutes using the numeric buttons 0 ~ 9 to set the starting and ending times of the lock period.

7. Press the GREEN button ○ to memorize.

From this time forward, whenever the protection conditions are met, the screen will be blocked and the «LOCKED MODE» message will be displayed.

Press any number key on the remote control to unlock the TV.

## CHILD LOCK Menu - LOCK ALL



**NOTE:** Since the "key" for unlocking the TV is the remote control, make sure you do not misplace it.

## LOCK PROGRAMME

Select this option to protect the access to separate programmes

1. Press the TV button ●, to clear the on-screen display.
2. Select the programme channel number you want to protect using the 0 ~ 9 digit buttons or the channel selector CH↗/CH↘ buttons..
3. Repeat steps 1. to 4. (Page 24) to see the CHILD LOCK Menu.
4. Press the Cursor DOWN button CH↘ to select LOCK PROGRAMME (blue background).
5. Press the Cursor RIGHT button → to select the protection type (white letters):

**Select «NONE»:** To cancel the protection from the selected programme.

**Select «AUTO (VPS)»:** to activate automatic protection. In this mode, the selected channel will only be locked when the VPS code is received. Some channels send the VPS code when the program they are broadcasting is not recommended for children.

**Select «ALWAYS LOCKED»:** To protect the access from the selected programme throughout the day.

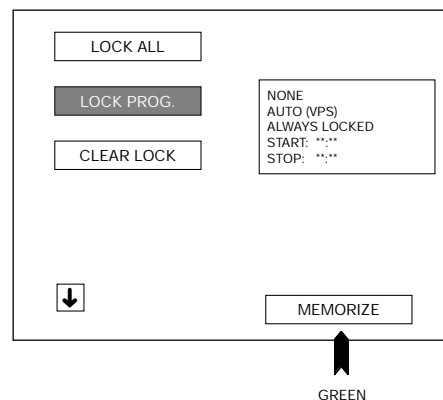
**Select «START: \*\*:\*/STOP: \*\*:\*/»:** to block access to the selected channel during the desired period of time. Enter the hours and minutes using the number keys (0 ~ 9) set the starting and ending times of the lock period.

6. Press the GREEN button ○ to memorize.

From this time forward, whenever the protection conditions are met, the screen will be blocked and the «LOCKED MODE» message will be displayed.

Press any digit button to unlock the TV.

## LOCK PROGRAMME menu



**NOTE:** Since the "key" for unlocking the TV is the remote control, make sure you do not misplace it.

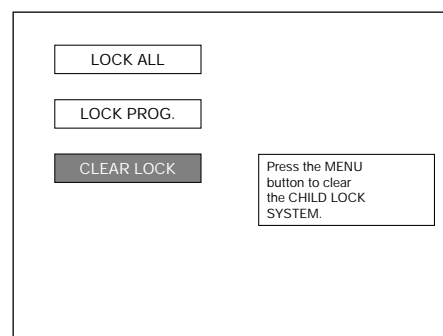
## CLEAR LOCK

This option enables you to erase all the adjustments made to the CHILD-LOCK function.

If necessary repeat steps 1. to 4. (Page 20) to see the CHILD LOCK Menu.

5. Press the Cursor UP button CH↗ to select CLEAR LOCK.
6. Press the MENU button ● to confirm that you want to initialize the CHILD LOCK system.
7. Press the TV button ● to clear the on-screen display.
8. Use the CLEAR LOCK to cancel any previously set CHILD LOCK programmes to avoid malfunction when a new program is set.

## CLEAR LOCK menu



### Notes:

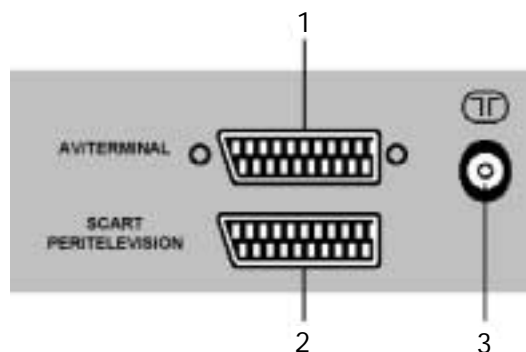
In order for the timed protection to function correctly, the internal TV clock must be set at the right time. To check the time setting, see section "Automatic or Manual time adjustment" on page 15.

## 21-pin Euro-SCART and 21-pin Audio/Video

### REAR TV

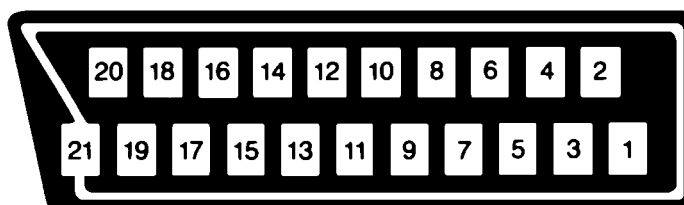
#### 21-pin In/Out

1. 21-pin Audio/Video (AV-1)  
With S-Video Input
2. 21-pin Euro SCART  
(Full connect, RGB)



#### RF Input

3. Antenna terminal



## 21-pin Euro-SCART (RGB)

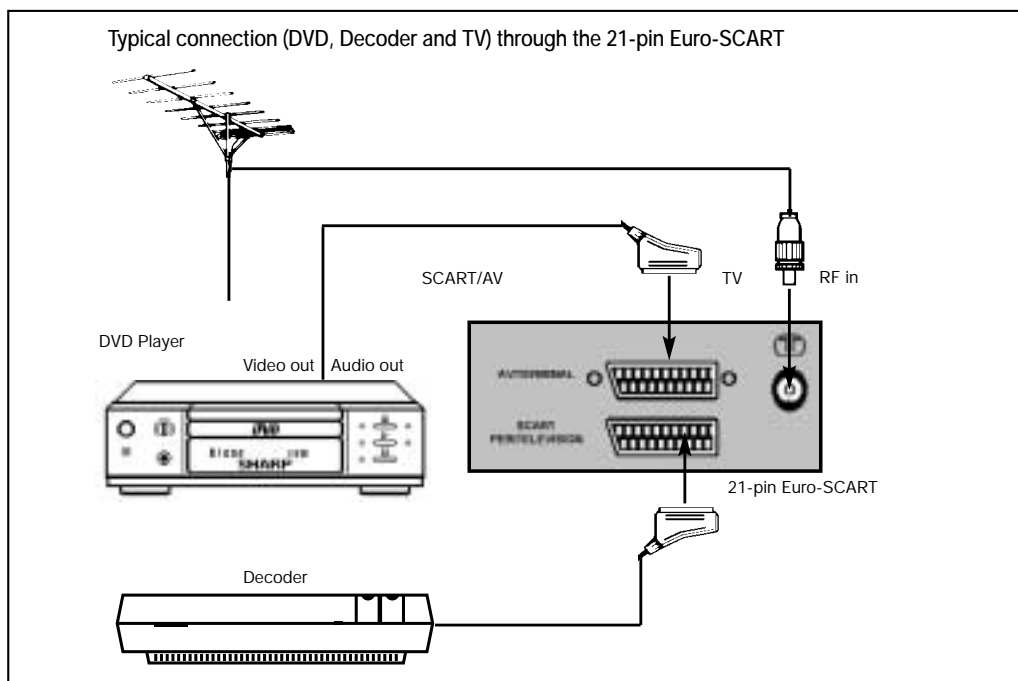
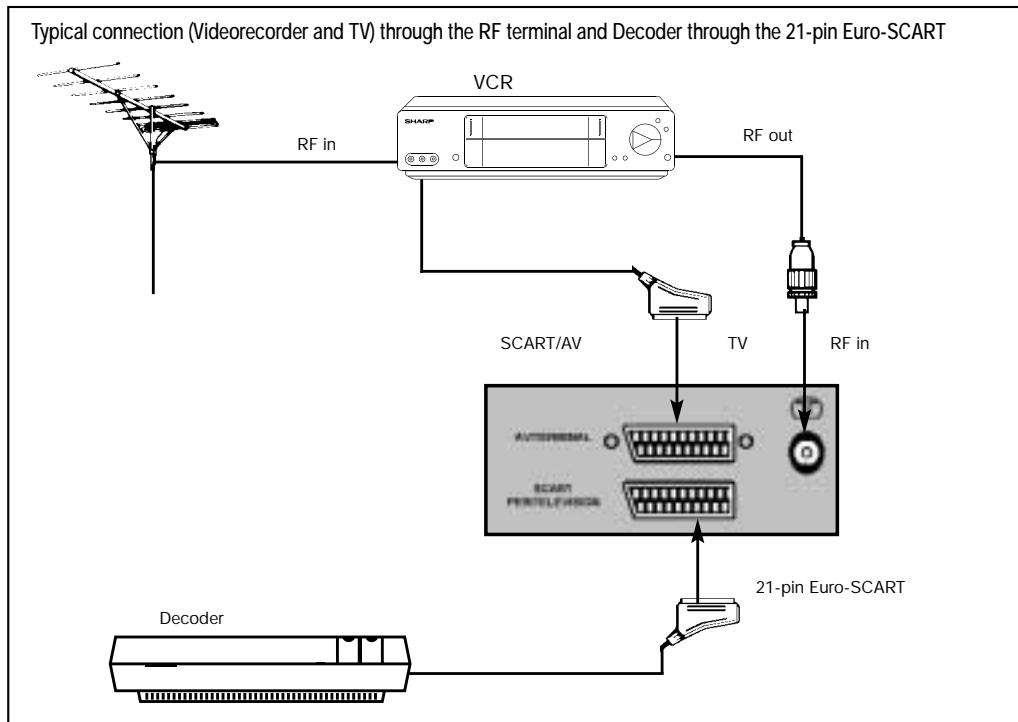
- |                           |                        |                                      |
|---------------------------|------------------------|--------------------------------------|
| 1. Audio right output     | 8. Audio-video control | 15. Red input                        |
| 2. Audio right input      | 9. Earth for green     | 16. Red/Green/Blue control           |
| 3. Audio left output      | 10. Not used           | 17. Earth for video                  |
| 4. Common earth for audio | 11. Green input        | 18. Earth for Red/Green/Blue control |
| 5. Earth for blue         | 12. Not used           | 19. Video output                     |
| 6. Audio left input       | 13. Earth for red      | 20. Video input                      |
| 7. Blue input             | 14. Not used           | 21. Plug shield                      |

## 21-pin Audio/Video (AV-1) with S-Video Input

- |                           |                        |                                 |
|---------------------------|------------------------|---------------------------------|
| 1. Audio right output     | 8. Audio-video control | 15. Chroma S-Video input        |
| 2. Audio right input      | 9. Earth               | 16. Not used                    |
| 3. Audio left output      | 10. Not used           | 17. Earth for video             |
| 4. Common earth for audio | 11. Not used           | 18. Earth                       |
| 5. Earth                  | 12. Not used           | 19. Video output                |
| 6. Audio left input       | 13. Earth              | 20. Video input / S-Video input |
| 7. Not used               | 14. Not used           | 21. Plug shield                 |

## Typical connection (Videorecorder/Decoder) through the 21-pin Euro-SCART

Please refer to the operation manual of your VCR for details



# Troubleshooting

The following conditions do not always denote trouble. Therefore, performs the checks described below before calling for service.

If the problem cannot be corrected by the use of this guide, pull the power plug out from the electrical outlet and call for service.

Problems	Possible Causes/Remedies											
	Try a new channel to check for possible station trouble	TV not plugged in Outlet power OFF	Main power button of TV not ON	Antenna not connected to terminal at the back of the TV set	If outside antenna is used, check for broken wires	Check for local interference	Turn OFF using the Main Power button, then turn ON again after a minute	Adjust COLOUR control	Check batteries in the Remote Control	Try fine tuning to correct	Check if the Brightness or Contrast setting in the picture setting mode might be all the way to the minus side	Increase the volume
Remote control does not work		●	●				●		●			
Bars on screen					●	●						
Picture distorted	●				●					●		
Picture rolls vertically	●				●	●						
No colour	●			●	●			●		●		
Poor reception on some channels	●			●	●	●						
Picture weak	●			●	●			●		●		
Picture lines or streaks	●				●	●						
Picture ghosting	●			●	●	●						
Picture blurred	●				●					●		
Sound OK, picture poor	●			●	●	●		●		●	●	
Picture OK, sound poor	●					●						●
No picture or sound	●	●	●	●	●		●				●	●

# GENERAL SPECIFICATIONS FOR TELEVISION RECEIVER

**Model: 54GS-61S, 70GS-61S**

1.	Receiving Broadcast Standard		CCIR TV Standard system B/G, PAL	
2.	Receiving Channel	VHF:	E 2 - E 12 CH	
		UHF:	E 21 - E 69 CH	
		CATV:	S 01 - S 41 (Hyper band)	
3.	Receiving System	Sound:	GERMAN STEREO (IGR)	
		Colour System:	PAL	
		Field Frequency:	Pal 50/60 Hz Capability	
4.	Power Source		220V-240V AC 50 Hz	
5.	Power Consumption at 240V AC 50Hz		<b>54GS-61S</b>	<b>70GS-61S</b>
			52 W	87 W
6.	Power Consumption at (Stand-by)		3 W max.	3 W max.
7.	Audio Output (mpo):			
	Internal speaker:		10 + 10 W	10 + 10 W
8.	Dimensions (Approx.)	Width:	601 m/m	736 m/m
		Height:	461 m/m	570 m/m
		Depth:	478 m/m	469 m/m
9.	Viewing Area (diagonal measurement)		51 cm (21")	66 cm (28")
10.	Weight (Approx.)		20 Kg	30,5 Kg
11.	Speaker (2 pcs.)		6x13 cm.	6x13 cm.
12.	Antenna Input Impedance		UHF 75 ohm Unbalanced	
13.	Safety		CE - MARK	
14.	EMC		CE - MARK	
15.	Accessories & etc.			
	a) User Instruction		Yes	
	b) Remote Control		Yes	
	c) Battery		2 pcs.	
16.	Other Features:			
	a) Auto Installation System			
	b) ACSS function (Auto Channel Sorting System)			
	c) 99 Channel Programming System			
	d) Cable and Hyperband			
	e) Teletext			
	f) OSD System (ON Screen Display)			
	g) Tint Control			
	h) Stereo (IGR)			
	i) ON-OFF Timer			
	j) 21 pin Euro SCART Connector (RGB)			
	k) 21 pin Audio/Video Connector (AV-1) with S-Video Input			
	l) Headphone Terminal			
	m) Blue Back Noise Mute Function			
	n) Automatic Sound Limiter (A.S.L.)			
	o) Child Lock System			

**NOTE: THE "AV LINK" FUNCTION IS NOT AVAILABLE IN THIS MODEL**

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